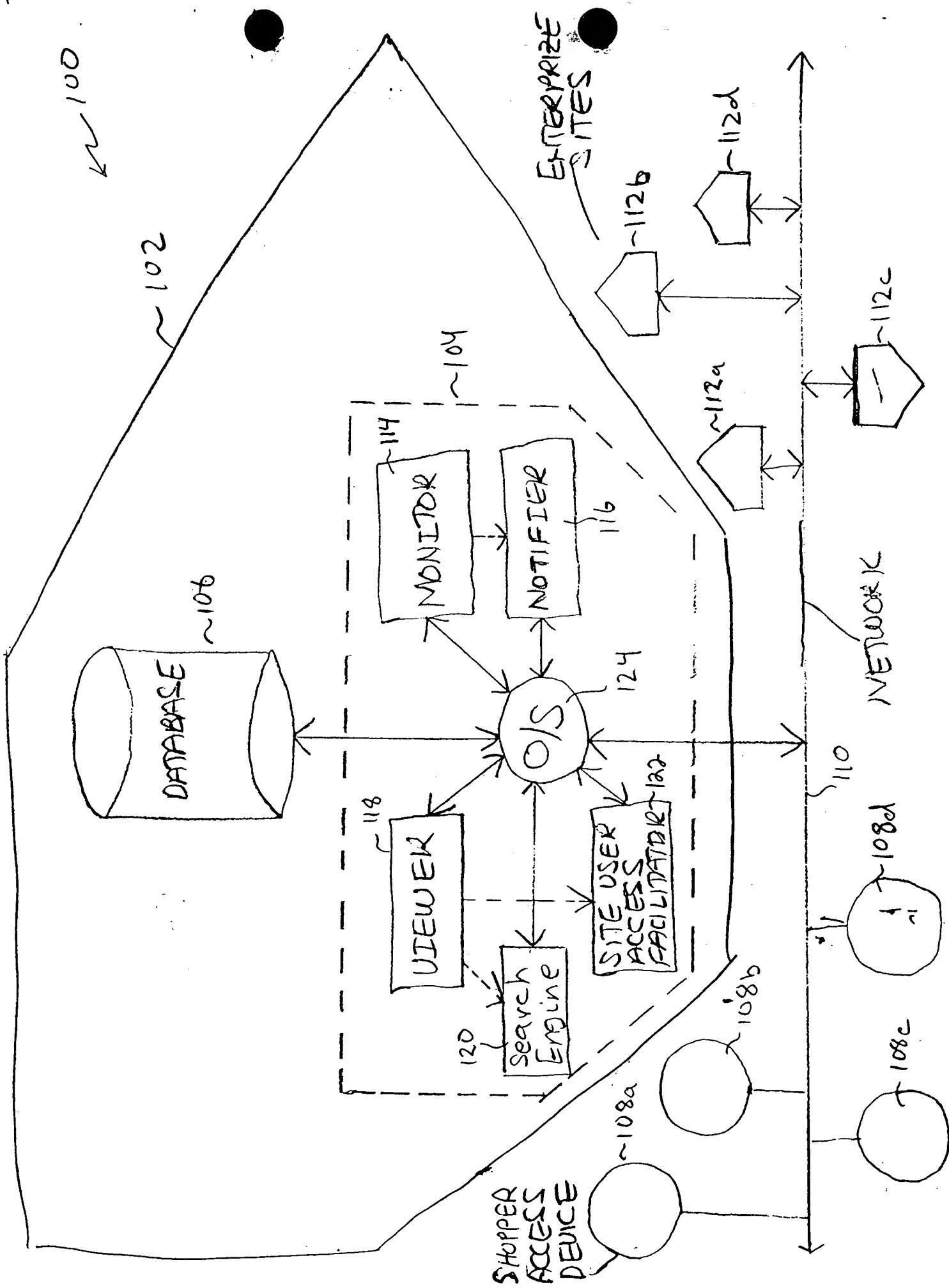


FIGURE 1
Data flow in a distributed system



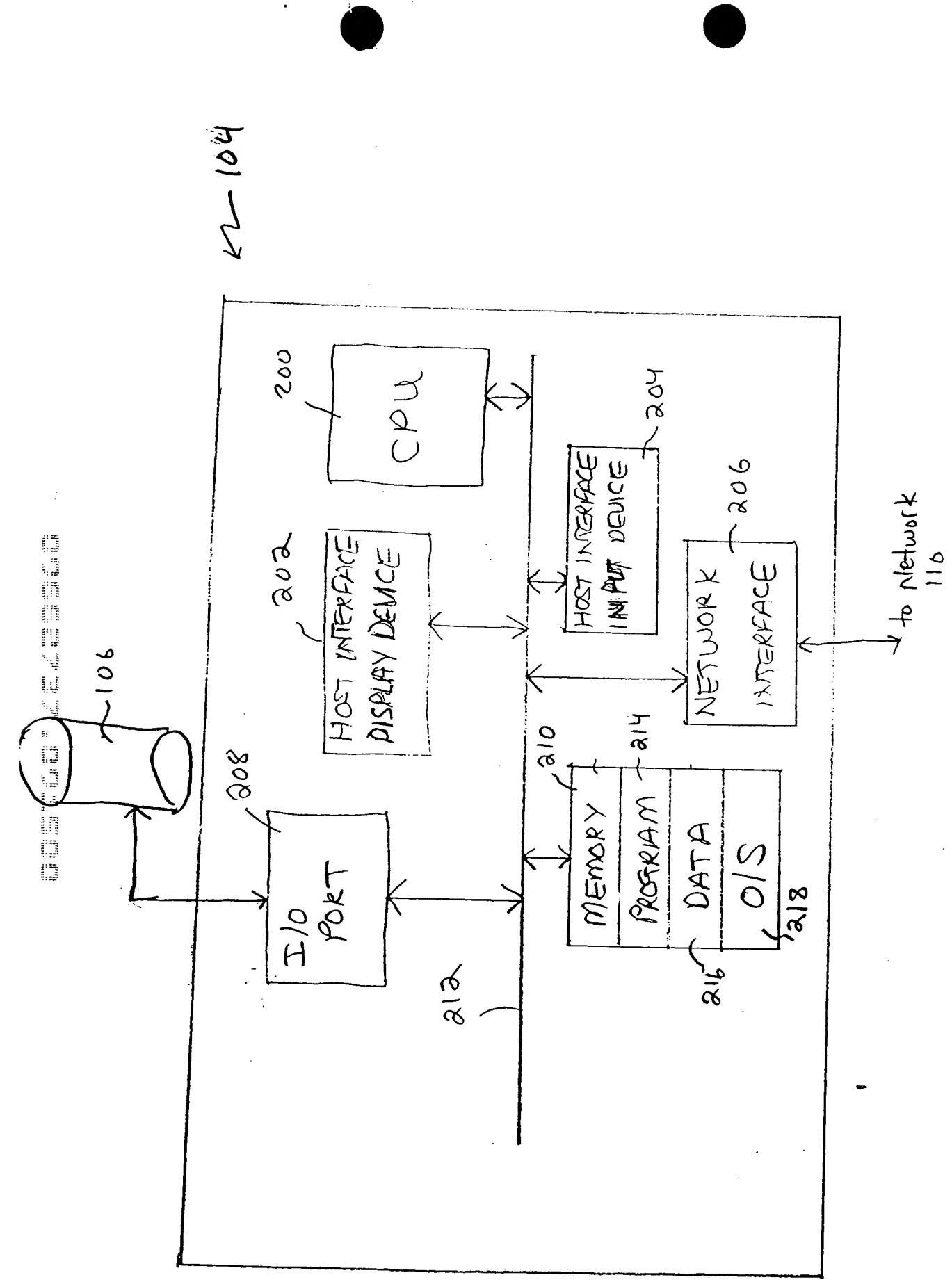


FIGURE 2

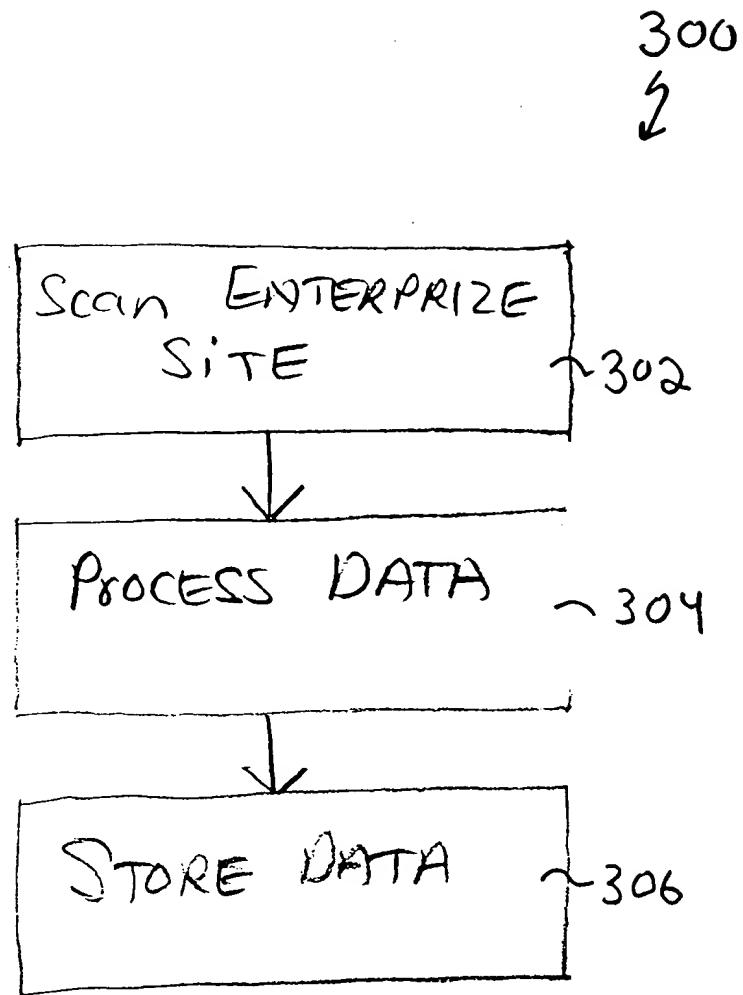
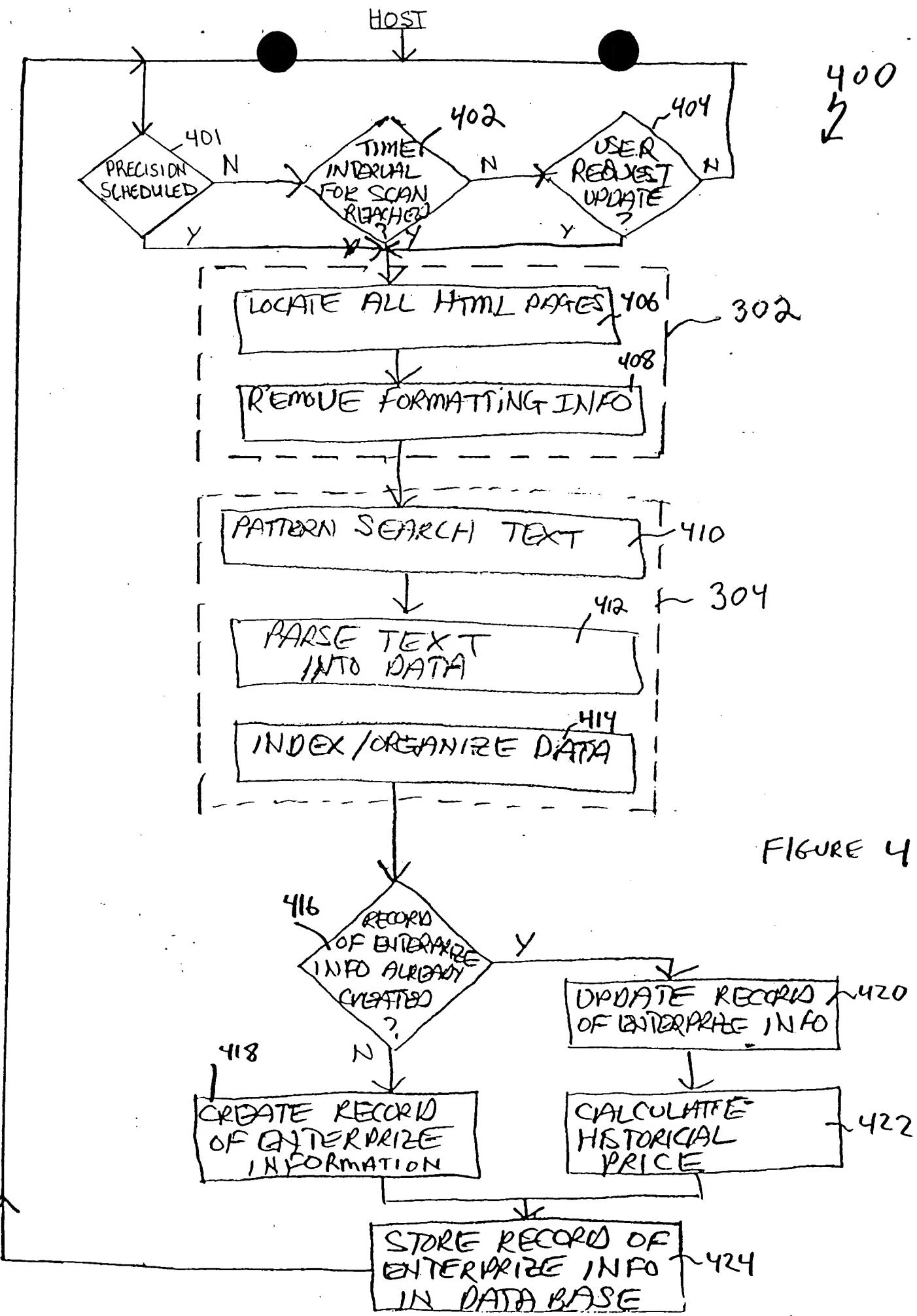


Figure 3



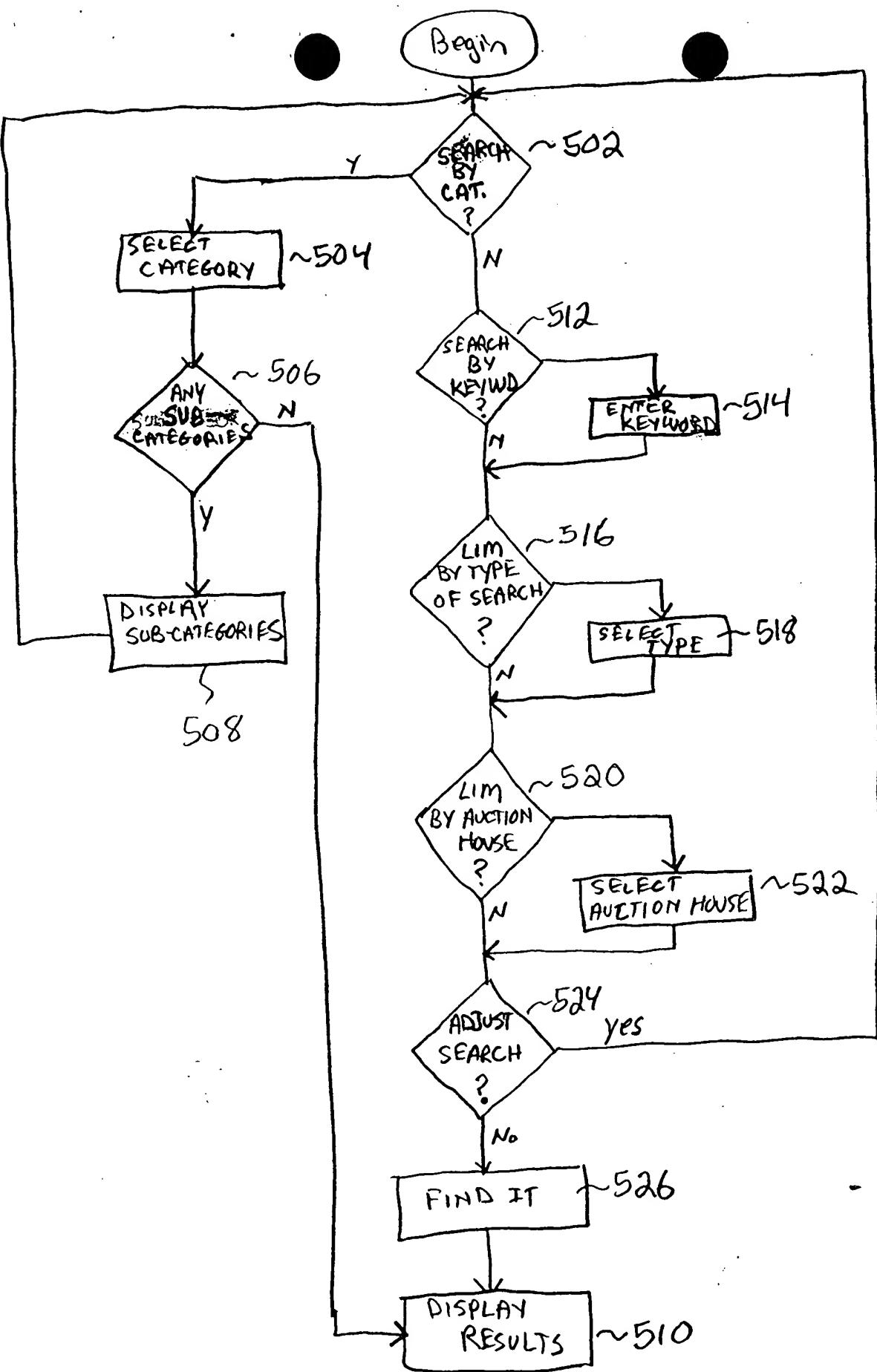


FIGURE 5A

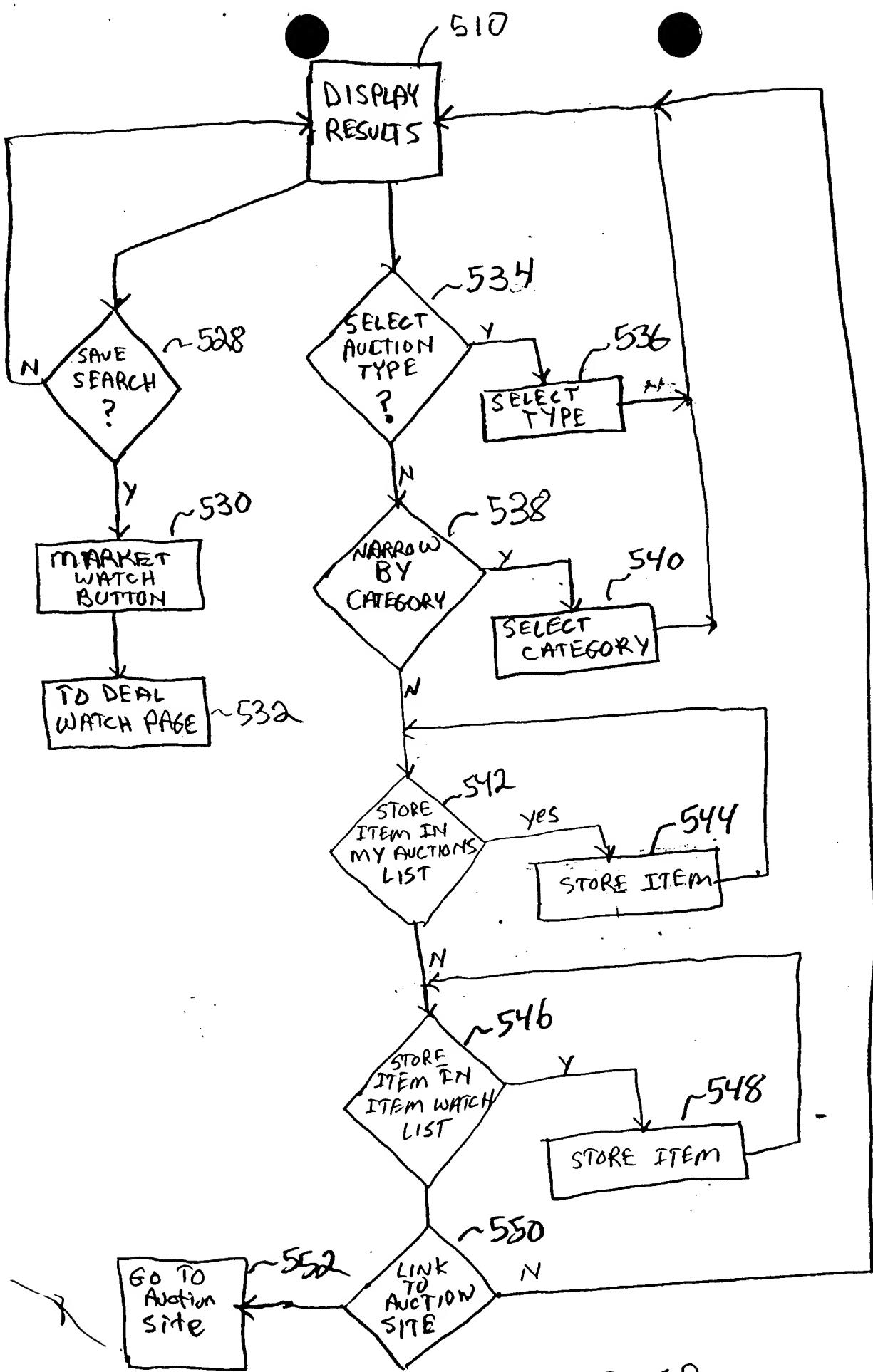


FIGURE 5B



Bidder's Edge

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618

602

622

612

614

616

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My Lists

604 606 608 610

Deal Watch (2)

Gives you an early edge by alerting you when items come up for auction.

My Auctions (0)

Saves you time by keeping price & status of your shopping list all in ONE PLACE, so you avoid going to each auction separately.

Categories

626

- [Antiques](#) (8,191)
- [Beanie Babies](#) (89,361)
- [Books & Magazines](#)
(110,130)
- [Cars, Trucks, etc.](#) (7,193)
- [Coins & Stamps](#) (67,534)
- [Collectibles](#) (185,695)
- [Computers](#) (93,748)
- [Dolls & Figures](#) (32,700)
- [Electronics](#) (20,436)
- [Glass, Porcelain & Pottery](#) (51,682)
- [Home & Leisure](#) (80,995)
- [Jewelry](#) (63,111)
- [Memorabilia](#) (73,336)
- [Miscellaneous](#) (8,429)
- [Movies & Video Games](#)
(41,043)
- [Music & Instruments](#)
(52,747)
- [Sports](#) (20,074)
- [Sports Memorabilia](#)
(247,673)
- [Toys](#) (90,683)
- [Travel](#) (7,297)

600

What We Do

Bidder's Edge is a **free** service which allows you to search across **many** auction sites at once. We provide historical pricing to help you determine if you are getting a good deal, and allow you to monitor ongoing auctions and watch for items in upcoming auctions.

Hot Auctions

Football Season!

Search

Find descriptions containing:

Narrow your search further: [Tips](#)



At Auction

All Auctions

624

Using All of the words



628

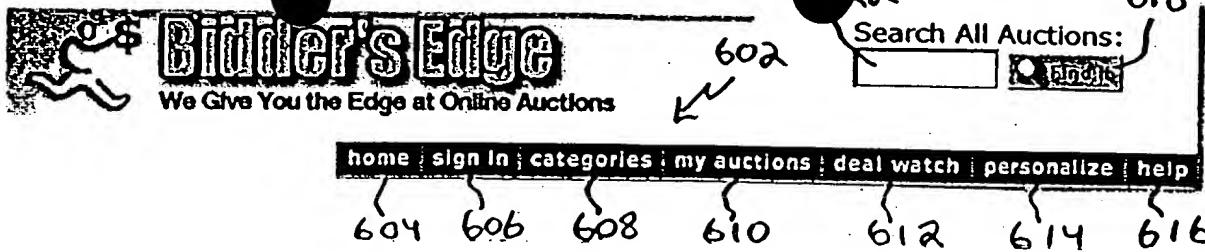
620

630

603

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[feedback](#) | [about bidder's edge](#) | [privacy policy](#) | [disclaimer](#)

FIGURE 6



You are here: Bidder's Edge > All Categories

Auctions for: "sony speakers"

Search Results

724

726a Both Merchant and Person-To-Person Items

726b Person-To-Person Items ONLY

726c Merchant Items ONLY

Explain the difference between the Auction Types

Matching Categories

730

Click on a category to narrow your search.

FIGURE 7

Computers (5)

Electronics (32)

728

Current Auctions

718

704

702

Approx. Bid

Close (EDT)

Past Prices

Tools

710

712

714

716

= add to MyAuctions = add to Item Watch

Electronics > Audio > Speakers

- Sony SRS-A15 3 Watt Powered Speaker System @ Yahoo (Person-to-Person) \$29.95 10/24, 04:32 AM
- Sony SRS-A15 3 Watt Powered Speaker System @ Yahoo (Person-to-Person) \$29.95 10/24, 04:32 AM

Search

Find descriptions containing:

Narrow your search further: [Tips](#)

624

Using All of the words

At Auction All Auctions

630

603

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You are here: [Bidder's Edge](#) > [My Auctions](#)

My Lists

Deal Watch (0)

Gives you an early edge by alerting you when items come up for auction.

My Auctions (3)

You are here now.

HOT Auctions

Football Season!

Bid History

Past Auctions which you have monitored using "My Auctions".

Categories

Antiques (8,169)
Beanie Babies (92,394)
Books & Magazines (108,437)
Cars, Trucks, etc. (7,162)
Coins & Stamps (68,396)
Collectibles (185,272)
Computers (92,199)
Dolls & Figures (32,854)
Electronics (20,632)
Glass, Porcelain & Pottery (51,046)
Home & Leisure (80,973)
Jewelry (63,869)
Memorabilia (72,993)
Miscellaneous (8,468)
Movies & Video Games (41,815)
Music & Instruments (53,269)
Sports (20,212)
Sports Memorabilia (246,176)
Toys (90,737)

My Auctions

Current as of Friday, October 22, 04:25 PM EDT

⊖ = removes from My Auctions

~ 804

⊕ = add to ItemWatch

~ 802

Click [here](#) to change your timezone!

814

~ 816

- Sony SRS-A15 3 Watt Powered Speaker System @ Yahoo

2 left @ \$29.95
Closes Sun, Oct 24, 12:45 PM EDT ~ 808

810a No price history yet.
812 You have not bid.

- **SONY AM/FM RADIO w/Speaker and Earphone** @ Amazon

1 left @ \$6.50
Closes Sun, Oct 24, 5:34 PM EDT

No price history yet.
Please click here to

[record your Amazon account info](#), so you can track your bids.

- High-Performance SONY Active Speaker System @ Deal Deal

3 left @ \$49.00
Closes Tue, Oct 26, 4:45 PM EDT

Avg. \$48.00 (2 sold @ \$39.00 to \$57.00)
Please click here to [record your Deal Deal account info](#), so you can track your bids.

Search

Find descriptions containing:

Find It

620
Narrow your search further: [Tips](#)

Using All of the words

620
At Auction All Auctions

624 628 630

FIGURE 8

home | sign out | my auctions™ | bid history™ | deal watch™ | personalize | help
feedback | about bidder's edge | privacy policy | disclaimer

603



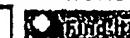
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Search All Auctions:



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604 606 608 610 612 614 616

You are here: [Bidder's Edge](#) > **Deal Watch**

900

Market Watch Added

The Market Watch specified has been successfully added.

My Lists

Deal Watch (2)

You are here now.

My Auctions (3)

Saves you time by keeping price & status of your shopping list all in ONE PLACE, so you avoid going to each auction separately.

HOT Auctions

Football Season!

Categories ~ 626

Antiques (8,201)

Beanie Babies (93,235)

Books & Magazines (109,630)

Cars, Trucks, etc. (7,222)

Coins & Stamps (69,341)

Collectibles (186,052)

Computers (93,604)

Dolls & Figures (32,604)

Electronics (20,848)

Glass, Porcelain &

Pottery (51,406)

Home & Leisure (80,982)

Jewelry (64,216)

Memorabilia (73,627)

Miscellaneous (8,427)

Movies & Video Games

(42,053)

Music & Instruments

(53,778)

Sports (20,306)

DealWatch

Get a daily report via email of ALL Auction offering items satisfying a search. This is called Market Watch™

Get notified via email when a specific item will be up for a bid at a specific auction site. This is called Item Watch™

Market Watch-1 searches watched

= removes a search from MarketWatch list

- Search all auctions for "sony speaker" (all words)

~ 902

904 906

Item Watch-1 specific items being watched

= removes a search from ItemWatch list

- **SONY AM/FM RADIO w/Speaker and Earphone**
Amazon No price history yet.

~ 908

~ 912

Search

Find descriptions containing:

Using All of the words

620

Narrow your search further: [Tips](#)

At Auction All Auctions

624

628

630

FIGURE 9

~ 603

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feedback | about bidder's edge | privacy policy | disclaimer



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Search All Auctions:

618

home | sign out | categories | my auctions | deal watch | personalize | help

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You are here: Bidder's Edge > **Personalize**

1000

Personalization

Personal Information Updated

Your personal information ([First Name] [Last Name] [Email Address]) has been updated.

1002

You May Change Your Password

Bidder's Edge will *never* provide *any* of your personal information to anyone else without your *exp/* authorization. Period. You can find out more in our privacy policy.

1004

Your Login: newusr

Change your Password:

(required)

1006

Repeat Your Password:

(required)

1008

Submit All

1010

Personal Information

1012

Entering personal information will allow us to make your Bidder's Edge experience more personal. Press the "Submit All" button when you are done.

1018

First Name

1014

Last Name

1016

Send notifications to me via EMAIL at

1022
(Required for DealWatch Email notifications)

Send notifications to my ICQ address at

(Required for DealWatch ICQ notifications - or pagers)

1020

Submit All

1026

1024

Time Zone Specification

1028

The TimeZone setting will allow you use the site in the time zone of your choice. Press the "Submit All" button when you are done.

1030

Time Zone

FIGURE 10

Submit All 1032



Bidder's Edge

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622

618

Search All Auctions:



602

home sign out categories my auctions deal watch personalize help

604 606 608 610 612 614 616

You are here: Bidder's Edge > **Categories**

1100

Categories

Send us Feedback!

Index ~ 1102

~ 1104

Antiques Beanie Babies Books & Magazines Cars, Trucks, etc. Coins & Stamps
Collectibles Computers Dolls & Figures Electronics Glass, Porcelain & Pottery
Home & Leisure Jewelry Memorabilia Miscellaneous Movies & Video Games
Music & Instruments Sports Sports Memorabilia Toys Travel Other

FIGURE 11



Bidder's Edge

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Search All Auctions:

618

602
6

home sign in categories my auctions deal watch personalize help

604 606 608 610 612 614 616

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1200

Logged Out Successfully

You are now logged out! Goodbye and please come back soon.

Member Sign In (New Users Click [Here](#) to register!)

Signing In will give you access to your My Auctions List and your DealWatch notification capabilities. Press the "Submit All" button when you are done.

Your Member Name 1202

Your Password 1204

Save this information into the current Browser



1206

K 603

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FIGURE 12